

FORM PTO-1449

ATTY.
DOCKET

24012-2

SERIAL NO.

09/745,698-
10/657,634

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

Michael P. Keyes; Douglas E. Corbin

FOR APPLICANT'S INFORMATION

FILING DATE

December 21, 2000

GROUP 2622

DISCLOSURE STATEMENT

FOR: Digital Film Processing Method

UNITED STATES LETTERS PATENT

		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
le		2	3	7	3	8	2	1	April 17, 1945	A. Frohlich, et al.	95 430	6 376
le		2	4	0	4	1	3	8	Oct. 6, 1941	Mayer, A.L.	95 396	94 604
le		3	5	2	0	6	8	9	Jul. 14, 1970	Nagae et al.	96 430	58 376
le		3	5	2	0	6	9	0	Jul. 14, 1970	Nagae et al.	96 430	58 373
le		3	5	8	7	4	3	5	Jun. 28, 1971	Chioffe	95 396	89 612
le		3	6	1	5	4	7	9	Oct. 26, 1971	Kohler et al.	96 430	48 30
le		3	6	1	5	4	9	8	Oct. 26, 1971	Aral	96 430	58 468
le		3	6	1	7	2	8	2	Nov. 2, 1971	Bard	96 430	59 379
le		3	7	4	7	1	2	0	Jul 17, 1973	Stemme	346 347	75 70
le		3	9	0	3	5	4	1	Sep. 2, 1975	Von Meister et al.	354	317
le		3	9	4	6	3	9	8	Mar 23, 1976	Kyser et al.	346	1
le		3	9	5	9	0	4	8	May 25, 1976	Stanfield et al.	156	94
le		4	0	2	6	7	5	6	May 31, 1977	Stanfield et al.	156	554
le		4	0	8	1	5	7	7	Mar. 28, 1978	Horner	427	424
le		4	1	4	2	1	0	7	Feb. 27, 1979	Hatzakis et al.	250	571
le		4	2	1	5	9	2	7	Aug. 5, 1980	Grant et al.	354	317
le		4	2	4	9	9	8	5	Feb. 10, 1981	Stanfield	156	554
le		4	3	0	1	4	6	9	Nov. 17, 1981	Modeen et al.	358	75
le		4	4	9	0	7	2	9	Dec. 25, 1984	Clark et al.	346	75
le		4	5	0	1	4	8	0	Feb. 26, 1985	Matsui et al.	354	298

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
le		WO 90/01240							Feb. 8, 1990	PCT	H04N	1/40
le		WO 91/09493							Jun. 27, 1991	PCT	H04N	5/217
le		WO 97/25652							Jul. 17, 1997	PCT	G03D	5/00
le		WO 98/19216							May 7, 1998	PCT	G03C	5/29
le		WO 98/25399							Jun. 11, 1998	PCT	H04N	1/38
le		WO 98/31142							Jul. 16, 1998	PCT	H04N	5/253
le		WO 93/34157							Aug. 6, 1998	PCT	G03D	

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

le		"Adaptive Fourier Threshold Filtering: A Method to Reduce Noise and Incoherent Artifacts in High Resolution Cardiac Images", Doyle, M., et al., 8306 Magnetic Resonance in Medicine 31, No. 5, Baltimore, MD, May, pp. 546-550, 1994.										
le		"Anisotropic Spectral Magnitude Estimation Filters for Noise Reduction and Image Enhancement", Aich, T., et al., Philips GmbH Research Laboratories, IEEE, pp. 335-338, 1996.										
le		"Adaptive-neighborhood filtering of images corrupted by signal-dependent noise", Rangayyan, R., et al., Applied Optics, Vol. 37, No. 20, pp. 4477-4487, July 10, 1998.										
le		"Grayscale Characteristics", The Nature of Color Images, Photographic Negatives, pp. 163-168.										
le		"Parallel Production of Oligonucleotide Arrays Using Membranes and Reagent Jet Printing", Stimpson, D., et al., Research Reports, BioTechniques, Vol. 25, No. 5, pp. 886-890, 1998.										
le		"Low-Cost Display Assembly and Interconnect Using Ink-Jet Printing Technology", Hayes, D. et al., Display Works '99, MicroFab Technologies, Inc., pp. 1-4, 1999.										
le		"Ink-Jet Based Fluid Microdispensing in Biochemical Applications", Wallace, D., MicroFab Technologies, Inc., Laboratory Automation News, Vol. 1, No. 5, pp. 6-9, Nov., 1996.										

EXAMINER: *Hadley* DATE CONSIDERED *22 June 2004*

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		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
le		4	5	6	4	2	8	0	Jan. 14, 1986	Fukuda	354	317
le		4	5	9	4	5	9	8	Jun. 10, 1986	Iwagami	346	140
le		4	6	2	1	0	3	7	Nov. 4, 1986	Kanda et al.	430	30
le		4	6	2	3	2	3	6	Nov. 18, 1986	Stella	354	318
le		4	6	3	6	8	0	8	Jan. 13, 1987	Herron	346	75
le		4	6	6	6	3	0	7	May 19, 1987	Matsumoto et al.	356	404
le		4	6	7	0	7	7	9	Jun 2, 1987	Nagano	358	75
le		4	7	3	6	2	2	1	Apr. 5, 1988	Shidara	354	317
le		4	7	4	5	0	4	0	May 17, 1988	Levine	430	21
le		4	7	5	5	8	4	4	Jul. 5, 1988	Tsuchiya et al.	354	317
le		4	7	7	7	1	0	2	Oct. 11, 1988	Levine	430	21
le		4	7	9	6	0	6	1	Jan. 3, 1989	Ikedo et al.	355	73
le		4	8	1	4	6	3	0	Mar. 21, 1989	Lim	250	578
le		4	8	2	1	1	1	4	Apr. 11, 1989	Gebhardt	358	75
le		4	8	4	5	5	5	1	Jul. 4, 1989	Matsumoto	358	80
le		4	8	5	1	3	1	1	Jul. 25, 1989	Millis et al.	430	30
le		4	8	5	7	4	3	0	Aug. 15, 1989	Millis et al.	430	30
le		4	8	7	5	0	6	7	Oct. 17, 1989	Kanzaki et al.	354	325
le		4	9	6	9	0	4	5	Nov. 6, 1990	Haruki et al.	358	228

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
le		WO 98/34397							Aug. 6, 1998	PCT	H04N	
le		WO 99/43148							Aug. 26, 1999	PCT	H04N	1/00
le		WO 01/01197							Jan. 4, 2001	PCT	G03D	5/00
le		WO 01/13174 A1							Feb. 22, 2001	PCT	G03D	5/06
le		EP 0 261 782 A2							Aug. 14, 1987	Europe	H04N	1/46
le		EP 0 422 220 A1							Mar. 28, 1989	Europe	A61B	6/03
le		EP 0 482 790 B1							Sep. 9, 1991	Europe	H04N	1/40
le		EP 0 525 886 A3							Jul. 21, 1992	Europe	G03D	5/00
le		EP 0 580 293 A1							Jun. 22, 1993	Europe	H04N	1/04
le		EP 0 669 753 A2							Feb. 24, 1995	Europe	H04N	1/407

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

le		"Protorealistic Ink-Jet Printing Through Dynamic Spot Size Control", Wallace, D., Journal of Imaging Science and Technology, Vol. 40, No. 5, pp. 390-395, Sept/Oct. 1996.
le		"MicroJet Printing of Solder and Polymers for Multi-Chip Modules and Chip-Scale Package", Hayes, D., et al., MicroFab Technologies, Inc.
le		"A Method of Characteristics Model of a Drop-on-Demand Ink-Jet Device Using an Integral Method Drop Formation Model", Wallace, D., MicroFab Technologies, Inc., The American Society of Mechanical Engineers, Winter Annual Meeting, pp. 1-9, Dec. 10-15, 1989.
le		"Digital Imaging Equipment White Papers", Putting Damaged Film on ICE, www.nikonusa.com/reference/whitepapers/imaging, Nikon Corporation, Nov. 28, 2000.

EXAMINER: *Ha Van Le* DATE CONSIDERED *22 June 2004*

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<u>1a</u>		5	3	9	1	4	4	3	Feb. 21, 1995	Simons et al.	430	21
<u>1b</u>		5	4	1	4	7	7	9	May 9, 1995	Mitch	382	199
<u>1c</u>		5	4	1	6	5	5	0	May 16, 1995	Skye et al.	354	298
<u>1d</u>		5	4	1	8	1	1	9	May 23, 1995	Simons	430	507
<u>1e</u>		5	4	1	8	5	9	7	May 23, 1995	Lahcanski et al.	355	76
<u>1f</u>		5	4	3	2	5	7	9	Jul. 11, 1995	Tokuda	354	293
<u>1g</u>		5	4	3	6	7	3	8	Jul. 25, 1995	Manico	358	503
<u>1h</u>		5	4	4	0	3	6	5	Aug. 8, 1995	Gates et al.	354	298
<u>1i</u>		5	4	4	7	8	1	1	Sep. 5, 1995	Buhr et al.	430	20
<u>1j</u>		5	4	4	8	3	8	0	Sep. 5, 1995	Park	358	520
<u>1k</u>		5	4	5	2	0	1	8	Sep. 19, 1995	Capitant et al.	348	651
<u>1l</u>		5	4	6	5	1	5	5	Nov. 7, 1995	Edgar	358	500
<u>1m</u>		5	5	1	6	6	0	8	May 14, 1996	Hobbs et al.	430	30
<u>1n</u>		5	5	4	6	4	7	7	Aug. 13, 1996	Knowles et al.	382	242
<u>1o</u>		5	4	9	6	6	6	9	Mar. 5, 1996	Pforr et al.	430	22
<u>1p</u>		5	5	5	0	5	6	6	Aug. 27, 1996	Hodgson et al.	345	202
<u>1q</u>		5	5	1	9	5	1	0	May 21, 1996	Edgar	358	471
<u>1r</u>		5	5	5	2	9	0	4	Sep. 3, 1996	Ryoo et al.	358	518
<u>1s</u>		5	5	6	3	7	1	7	Oct. 8, 1996	Koeng et al.	358	406

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<u>12</u>		5	8	9	2	5	9	5	Apr. 6, 1999	Yamakawa et al.	358	530
<u>12</u>		5	9	3	0	3	8	8	Jul. 27, 1999	Murakami et al.	382	167
<u>12</u>		5	9	6	3	6	6	2	Oct. 5, 1999	Vachtsevanos et al.	382	150
<u>12</u>		5	9	6	6	4	6	5	Oct. 12, 1999	Keith et al.	382	232
<u>12</u>		5	9	7	9	0	1	1	Nov. 9, 1999	Miyawaki et al.	15	308
<u>12</u>		5	9	8	2	9	3	6	Nov. 9, 1999	Tucker et al.	382	233
<u>12</u>		5	9	8	2	9	3	7	Nov. 9, 1999	Accad	382	239
<u>12</u>		5	9	8	2	9	4	1	Nov. 9, 1999	Loveridge et al.	382	260
<u>12</u>		5	9	8	2	9	5	1	Nov. 9, 1999	Katayama et al.	382	284
<u>12</u>		5	9	8	8	8	9	6	Nov. 23, 1999	Edgar	396	604
<u>12</u>		5	9	9	1	4	4	4	Nov. 23, 1999	Burt et al.	382	232
<u>12</u>		5	9	9	8	1	0	9	Dec. 7, 1999	Hirabayashi	430	434
<u>12</u>		6	0	0	0	2	8	4	Dec. 14, 1999	Shin et al.	73	150
<u>12</u>		6	0	0	5	9	8	7	Dec. 21, 1999	Nakamura et al.	382	294
<u>12</u>		6	0	6	5	8	2	4	May 23, 2000	Bullock et al.	347	19
<u>12</u>		6	0	6	9	7	1	4	May 30, 2000	Edgar	358	487
<u>12</u>		6	0	8	9	6	8	7	Jul. 18, 2000	Helterline	347	7
<u>12</u>		6	1	0	1	2	7	3	Aug. 8, 2000	Matama	382	169
<u>12</u>		6	1	0	2	5	0	8	Aug. 15, 2000	Cowger	347	7
<u>12</u>		6	1	3	7	9	6	5	Oct. 24, 2000	Burgeios et al.	396	626

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